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## NOTICE OF ALLOWANCE AND FEE(S) DUE

7590

05/01/2009

MANELLI, DENISON & SELTER PLLC  
ATTN: WILLIAM H. BOLLMAN  
2000 M STREET, N.W.  
WASHINGTON, DC 20016

EXAMINER

HU, JINSONG

ART UNIT

PAPER NUMBER

2454

DATE MAILED: 05/01/2009

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/707,770	11/08/2000	Yin Cheng	003636.0103	9945

TITLE OF INVENTION: WEB PAGE CONTENT TRANSLATOR

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$0	\$0	\$1510	08/03/2009

**THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED.** THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

**THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.** SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

**IMPORTANT REMINDER:** Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

# **PART B - FEE(S) TRANSMITTAL**

**Complete and send this form, together with applicable fee(s), to: Mail**

**Mail Stop ISSUE FEE  
Commissioner for Patents  
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Alexandria, Virginia 22313-1450  
or Fax (571)-273-2885**

**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

7590 05/01/2009

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WASHINGTON, DC 20016**

## **Certificate of Mailing or Transmission**

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

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nonprovisional	NO	\$1510	\$0	\$0	\$1510	08/03/2009

EXAMINER	ART UNIT	CLASS-SUBCLASS
HU, JINSONG	2454	709-203000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/147; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, 1 \_\_\_\_\_
- (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. 2 \_\_\_\_\_
- 3 \_\_\_\_\_

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

(B) RESIDENCE: (CITY AND STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☐ Corporation or other private group entity ☐ Government

4a. The following fee(s) are submitted:

- ☐ Issue Fee
- ☐ Publication Fee (No small entity discount permitted)
- ☐ Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s): (Please first reapply any previously paid issue fee shown above)

- ☐ A check is enclosed.
- ☐ Payment by credit card. Form PTO-2038 is attached.
- ☐ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment, to Deposit Account Number \_\_\_\_\_ (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature \_\_\_\_\_ Date \_\_\_\_\_

Typed or printed name \_\_\_\_\_ Registration No. \_\_\_\_\_

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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## Determination of Patent Term Adjustment under 35 U.S.C. 154 (b) (application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 309 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 309 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (<http://pair.uspto.gov>).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

**Notice of Allowability****Application No.**

09/707,770

**Applicant(s)**

CHENG ET AL.

**Examiner**

JINSONG HU

**Art Unit**

2454

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to phone interview held on 4/21/09.
2. ☒ The allowed claim(s) is/are 33-39, 42-44 and 106-120, renumber as 1-25.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some\* c) ☐ None of the:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.  
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached  
1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.  
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.  
**Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).**
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☐ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_.

***EXAMINER'S AMENDMENT***

1. An examiner's amendment to the record appears bellow. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as proved by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.
2. Formal Drawings are required to be submitted.
3. Authorization for this Examiner's Amendment was given in a telephone interview with Mr. William H. Bollman (Reg. No. 36,457) on April 22, 2009.

In the Claims:

- I. Please cancel claims 1-15, 40-41, 45-46 and 58-73.
- II. Please amend claims 33-35, 38-39, 43, 106-111 and 113-119 as follow:

Claim 33. (currently amended) A system for extracting and reformatting web page content into a format readable on a mobile device, comprising:

a receiving module to receive a secure user request from said mobile device for a web page having a first format ~~from at least one mobile transmission device~~;

a physical proxy server that receives said user request from said mobile device, forwards said request to a[[n]] physical origin web server, receives said requested web page having said first format from said physical origin web server, site-mines said web page to extract content from said web page according to a predefined criteria, and reformats at least a portion of said site-mined content from said web page having said first format, for transmission to said ~~at least one mobile transmission~~ device, in accordance with at least one of a type of content viewer and a type of operating system associated with said mobile device said content is viewable on.

Claim 34. (currently amended) The system according to claim 33, wherein said physical proxy server comprises:

a storage repository that contains at least one data file associated with each of said ~~at least one mobile transmission~~ device; and

a conversion engine that receives said requested web page and site-mines and reformats at least a portion of said content from said web page having said first format, for transmission to said ~~at least one mobile~~ device, in accordance with one or more predetermined instructions in each of said at least one data file associated with each of said ~~at least one mobile transmission~~ device.

Claim 35. (currently amended) The system according to claim 34, further comprising:

a cache that stores said requested web page prior to transmitting said extracted and reformatted web content to said ~~at least one mobile transmission~~ device.

Claim 38. (currently amended) The system according to claim 33, wherein:

at least one of said data files is defined for a particular type of said mobile device.

Claim 39. (currently amended) The system according to claim 38, wherein:

said particular type of said mobile device is defined by said manufacturer and model.

Claim 43. (currently amended) The system according to claim 33, wherein:

a secure connection is provided between said physical proxy server and said physical origin web server.

Claim 106. (currently amended) A method for extracting, filtering and reformatting web page content into a format readable on a mobile device at a physical proxy server, comprising:

site-mining to extract content from a web page according to a predefined criteria at said physical proxy server;

reformatting, at said physical proxy server, said site-mined web page content in accordance with a limitation associated with said mobile device said web

page site-mined desired content is viewable on, said limitation comprising at least one of a type of content viewer and a type of operating system provided by said mobile device; and

transmitting said filtered and reformatted web page content to said mobile device.

Claim 107. (currently amended) A system for reformatting content into a format readable on a mobile device, comprising:

a site-miner, at a physical proxy server, said site-miner to extract content from a web page according to a predefined criteria;

a reformatter, at said physical proxy server, to reformat said site-mined desired content in accordance with a limitation associated with said mobile device said site-mined desired content is viewable on, said limitation comprising at least one of a type of content viewer and a type of operating system provided by said mobile device; and

a transmitter to transmit said filtered and reformatted content to said mobile device.

Claim 108. (currently amended) A system for reformatting web page content into a format readable on a mobile device, comprising:

a site-mining module, at a physical proxy server, to extract content from a web page according to a predefined criteria;



a reformatting module, at said physical proxy server, to reformat said site-mined desired content in accordance with said limitation associated with said mobile device said site-mined desired content is viewable on, said reformatting module comprising at least one of a type of content viewer and a type of operating system associated with said mobile device; and

a transmitting module to transmit said filtered and reformatted web page content to said mobile device.

Claim 109. (currently amended) A method for extracting and reformatting web page content into a format tailored for a mobile device, comprising:

providing a connection between said mobile device and a physical proxy server;

providing mobile device related information to said physical proxy server from said mobile device, said mobile device related information comprising at least one of a type of content viewer and a type of operating system associated with said mobile device;

receiving a web page from a[[n]] physical origin web server;

site-mining, at said physical proxy server, to extract content from said web page according to a predefined criteria;

conversion, at said physical proxy server, of said site-mined content based on said mobile device related information; and

forwarding said converted content to said mobile device.

Claim 110. (currently amended) The method for extracting and reformatting web page content into a format readable on a mobile device according to claim 109, wherein:

said mobile device related information is provided to said proxy physical server from said mobile device in a header.

Claim 111. (currently amended) The method for extracting and reformatting web page content into a format readable on a mobile device according to claim 109, further comprising:

comparing said mobile device related information to a client value stored in said physical proxy server for said mobile device.

Claim 113. (currently amended) A physical proxy server for extracting and reformatting web page content into a format tailored for a mobile device, comprising:

a first communication channel to establish communications between said mobile device and said physical proxy server and to provide mobile device related information to said physical proxy server from said mobile device, said mobile device related information comprising at least one of a type of content viewer and a type of operating system associated with said mobile device;

a second communication channel to establish communications between said physical proxy server and a[[n]] physical origin web server;

a site-miner to extract content from a web page according to a predefined criteria;

a converter to convert said site-mined content based on mobile device related information received over said first communications channel; and

a forwarder to forward said converted site-mined subset of content to said mobile device.

Claim 114. (currently amended) The physical proxy server according to claim 113, wherein:

said mobile device related information is provided in a header.

Claim 115. (currently amended) The physical proxy server according to claim 113, further comprising:

a comparator to compare said client device related information to a mobile value stored in said physical proxy server for said mobile device.

Claim 116. (currently amended) The physical proxy server according to claim 113, wherein said mobile device related information is at least one of:

a make;

a model;

a Web browser type; and

an operating system.

Claim 117. (currently amended) Apparatus for extracting and reformatting web page content into a format tailored for a mobile device, comprising:

a connection module to provide a connection between said mobile device and a physical proxy server;

an information module to provide mobile device related information to said physical proxy server from said mobile device, said mobile device related information comprising at least one of a type of content viewer and a type of operating system associated with said mobile device;

a site-mining module to extract content from a web page according to a predefined criteria;

a conversion module, at ~~[[a]]~~ said physical proxy server, to convert said site-mined content based on said mobile device related information; and

a forwarding module to forward said converted content to said mobile device.

Claim 118. (currently amended) The apparatus for extracting and reformatting web page content into a format readable on a mobile device according to claim 117, wherein:

said information module provides said mobile device related information to said physical proxy server from said mobile device in a header.

Claim 119. (currently amended) The apparatus for extracting and reformatting web page content into a format readable on a mobile device according to claim 117, further comprising:

a comparison module to compare said mobile device related information to a client value stored in said physical proxy server for said mobile device.

### ***Conclusion***

4. Any comments considering necessary by applicant must be submitted no later than the payment of issue fee and, to avoid processing delays, should preferably accompany the issue fee.
5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jinsong Hu whose telephone number is (571) 272-3965. The examiner can normally be reached on 8:00 AM - 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nathan Flynn can be reached on (571) 272-1915. The fax phone number for the organization where this application or proceeding is assigned is (571) 273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only.

For more information about the PAIR system, see <http://pair-direct.uspto.gov>.  
Should you have questions on access to the Private PAIR system, contact the  
Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Jinsong Hu/  
Primary Examiner, Art Unit 2454